

Remarks

Claims 1 - 20 are pending and rejected. Claims 6 and 16 have been canceled. Claims 1 - 3, 5, 7 - 9, 11, 15, and 17 - 19 have been amended. Applicants request allowance of claims 1 - 5, 7 - 15, and 17 - 20.

An amendment was made to the specification to correct which figure was being referenced in a paragraph that starts on page 21, line 5. Claims 5, 15, 7 - 9 and 17 - 19 were rejected under 35 USC 112, second paragraph with antecedent problems. Claims 5, 15, 7 - 9 and 17 - 19 have been amended to fix these problems.

Claim 1 and 11 are rejected under 35 USC 102(e), as being anticipated by US 6,373,846 to Daniel et al. Claims 1 and 11 have been amended to include a limitation that a co-processor is used that contains a plurality of context buffers and further that the co-processor loads the scheduling parameters into the context buffers. Having the co-processor manage the context buffers by loading the scheduling parameters allows the core processor and the scheduler circuitry to process each packet without delay. Daniel does not store context information. Chong stores context information for some of the packets. But Chong only caches the most recently used VC's, when an old packet or a new packet needs to be processed, the core processor may have to wait as the scheduling circuitry fetches the VC from off chip memory (see column 5, lines 22 - 25). Because Chong in combination with Daniel do not teach having a scheduler using the scheduling parameters in a context buffer where the context buffers are part of and loaded by a co-processor, claims 1 and 11 are allowable as written.

This application is now considered to be in condition for allowance and applicants respectfully request allowance of claims 1 - 5, 7 - 15, and 17 - 20.



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DATE: March 17, 2004

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EMAIL: swebb@dsoblaw.com

TO:Mail Stop: Non-Fee Amendment
USPTO

TELEPHONE:

RE:Application No. 09/639,915
Filed: 8/16/2000
Group No.: 2666
Examiner: Robert C. Scheibel
Docket No. 00CXT0490N-3

FAX: (703) 872-9306

MESSAGE

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1. Transmittal (one page)
2. Response to Office Action dated December 31, 2003 (seven pages).

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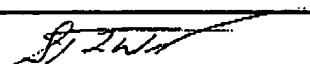
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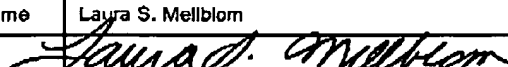
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/639,915; Confirmation No. 4050	
	Filing Date	8/16/2000	
	First Named Inventor	Wilson P. Snyder II	
	Art Unit	2666	
	Examiner Name	Robert C. Scheibel	
Total Number of Pages in This Submission	7	Attorney Docket Number	00CXT0490N3

ENCLOSURES (check all that apply)				
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Firm or Individual name	Steven L. Webb, Reg. 44,395			
Signature				
Date	3-17-04			

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